



FG20291

12Volt 2.9Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.145A to 10.50V)	2.9Ah
10 hour rate	(0.276A to 10.50V)	2.755Ah
5 hour rate	(0.493A to 10.20V)	2.465Ah
1 C	(2.9A to 9.60V)	1.643Ah
3 C	(8.7A to 9.60V)	1.16Ah

Weight **Approx. 1.19kg(2.62Lbs.)**

Internal Resistance (at 1KHz) **Approx. 33 mΩ**

Maximum Discharge Current for 5 seconds: **43.5A**

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mV/°C/cell**

Maximum Charging Current : **0.87A**

Standby use:

Float Charging Voltage **13.50 to 13.80V**

Coefficient **-3.0mV/°C/cell**

Operating Temperature Range

Charge **-15°C (5°F) to 40°C (104°F)**

Discharge **-15°C (5°F) to 50°C (122°F)**

Storage **-15°C (5°F) to 40°C (104°F)**

Charge Retention (shelf life) at 20°C (68°F)

1 month **92%**

3 month **90%**

6 month **80%**

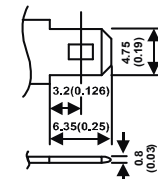
Case Material **ABS UL94 HB**

Terminal **F1(Faston Tab 187)**

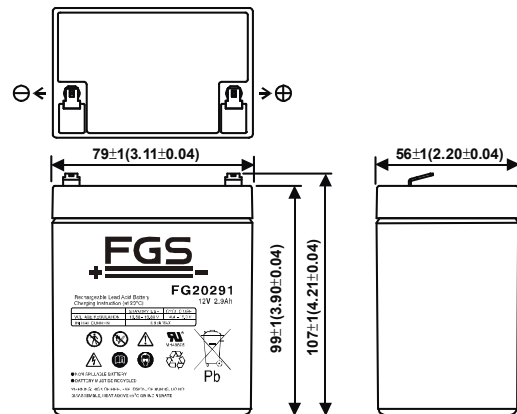


Dimensions

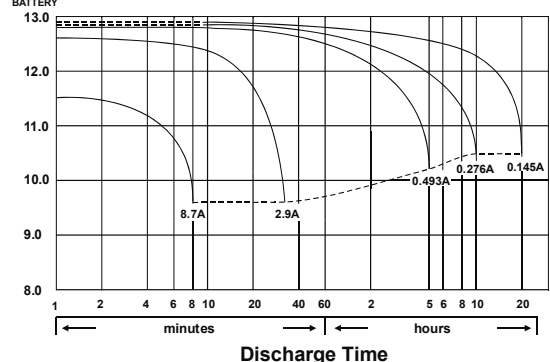
mm(inch)



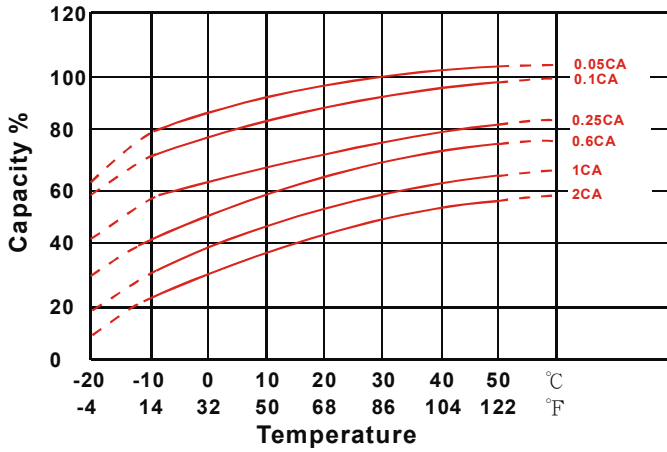
F1 (Faston Tab 187)



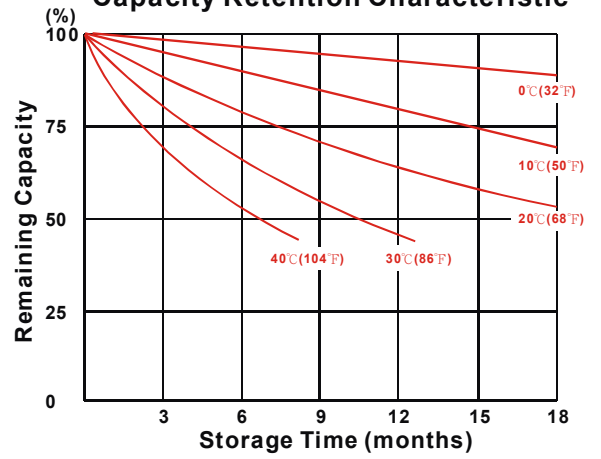
Discharge Time VS. Discharge Current (25°C)



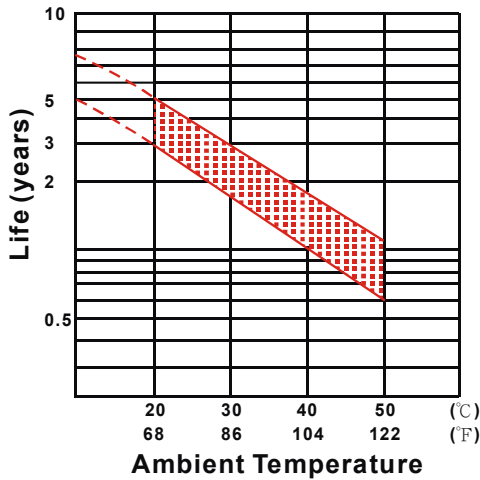
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

